Amendments to the Specification:

Please replace paragraph [0001] with the following rewritten paragraph:

    [0001] This application claims the benefit of U.S. Provisional Application No. 60/448,402, filed February 18, 2003, entitled "GPU Scheduler Overview;" U.S. Provisional Application No. 60/448,399, filed February 18, 2003, entitled "Video Memory Management Architecture Specification;" U.S. Provisional Application No. ~~60/448,440~~ 60/448,400, filed February 18, 2003, entitled "Video Memory Management Rectangular Heap;" and U.S. Provisional Application No. 60/474,513, filed May 29, 2003, entitled "Multithreaded Kernel for GPU."

Please replace paragraph [0002] with the following rewritten paragraph:

    [0002] This application is related to co-pending U.S. Application No. [[_____]] 10/763,777, filed on ~~even date herewith~~January 22, 2004, entitled "Multithreaded Kernel for Graphics Processing Unit," and identified by Attorney Docket No. MSFT 2857 (304862.02).